BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Improvements to Roads and Drains at Thuba Layout in Ward No. 06, Thanisandra Village Limits.**

			Estimate Cost:						2000000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2 / PWD SR 2013-14**	Cum							
	Drain Desilting Tuba layout Road A		2	150.00	0.45	0.35	47.25		
	Road B		2	120.00	0.45	0.35	37.80		
	Tuba layout Road A and B For Road Work		1	150.00	4.50	0.15	101.25		
	Road C and D		1	120.00	4.20	0.15	75.60		
							261.90	90.72	**23760.00**
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	**90.72**							
2	Removing B.S. Slab Drain and stacking **(P. 28 / I. 5.32 PWD SR - 2013-14)**	Sqm							
			2	95.00		1.65	313.50		
			2	35.00		1.65	115.50		
							429.00	50.11	**21498.00**
	Basic Rate	46.40							
	Area Weightage @8%	3.71							
	Total	**50.11**							
3	Refixing stone slabs of drains and pointing in CM (1:3) **(P. 28 / I. 5.33 PWD SR - 2013-14)**	Sqm							
			Vide Item No.2*80%				**343.20**	70.04	**24037.00**
	Basic Rate	64.85							
	Area Weightage @ 8%	5.19							
	Total	**70.04**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick **Page No. 28 / Item No. 5.31.1/ PWD SR 2013-14**	Sqm							
	Missing Length		2	25.00		1.65	82.50		
	Missing Length		2	24.00		1.65	79.20		
							161.70	343.44	**55534.00**
	Basic Rate	318.00							
	Area Weightage @ 8%	25.44							
	Total	**343.44**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
5	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 / Item No. 4.3 PWD SR - 2013-14**	Cum							
	Tuba layout Road A and B		1	150.00	4.50	0.15	101.25		
	Road C and D		1	120.00	4.20	0.15	75.60		
							176.85	4290.84	**758835.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
6	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, **No. 251 / Item No. 31.3 PWD SR 2013-14**	M							
			15	4.50			67.50		
			12	4.20			50.40		
							117.90	137.16	**16171.00**
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	**137.16**							
7	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14**	Cum							
	Tuba layout Road A and B		1	150.00	4.50	0.10	67.50		
	Road C and D		1	120.00	4.20	0.10	50.40		
							117.90	6464.88	**762209.00**
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	**6464.88**							
8	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **190 / Item No. 22.7/ PWD SR 2013-14**	Sqm							

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	150.00	4.50		675.00		
			1	120.00	4.20		504.00		
							1179.00	91.80	**108232.00**
	Basic Rate	85.00							
	Area Weightage @ 8%	6.80							
	Total	**91.80**							
9	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**196.43**	72.71	**14281.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
10	**Sub Total**								**1784557.00**
11	KRIDL Service Charges and Applicable Taxes @ 11%								**196301.00**
12	For Third Party QC Charges @ 1%								**17846.00**
13	Miscellaneous and other Charges	L/S							**1296.00**
								EE (TP DIV)	**Total** **2000000.00**
	(Rs. Twenty Lakhs Only)								

Technical Sanction for Rs. 20.00 Lakh
Twenty Lakhs only
P2654.
Registered as SR No. Dated Subject to conditions contained in this memo.
No: EE/273/13-14 Dt. 01/2/14
AE/JE
EE (TP DIV)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
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Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

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